



FEDEX: 7706 8214 8422

July 25, 2014

Ms. Jeanette DeBartolomeo
Maryland Department of the Environment
Oil Control Program
1800 Washington Boulevard
Baltimore, MD 21230

**RE: Second Quarter 2014 Groundwater Monitoring Report
Southside Oil Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland
MDE Case No. 2006-0489-CE**

Dear Ms. DeBartolomeo:

Kleinfelder, on behalf of Southside Oil, LLC (Southside), is pleased to submit the Groundwater Monitoring Report (GMR) for activities performed during the Second Quarter of 2014.

Please contact the undersigned if you have questions regarding the information contained herein.

Sincerely yours,
Kleinfelder, Inc.

A handwritten signature in blue ink, appearing to read "Timothy Boswell", written in a cursive style.

Timothy Boswell
Geologist

A handwritten signature in blue ink, appearing to read "Mark Steele", written in a cursive style.

Mark Steele
Senior Program Manager

Enclosure

cc: Ms. Devon Watts – Sunoco Inc. (ENFOS)



**SECOND QUARTER 2014
GROUNDWATER MONITORING REPORT**

**Southside Facility #20025
31 Heather Lane
Perryville, Cecil County, Maryland**

REGULATORY INFORMATION

Regulatory Agency: Maryland Department of the Environment (MDE)
MDE Case No.: 2006-0489-CE
Agency Contact: Ms. Jeannette DeBartolomeo
Current Case Status: Quarterly groundwater and potable well sampling,
and reporting
Reporting Period: April 19, 2014 through June 30, 2014
Last Report: Second Quarter Groundwater Monitoring Report,
April 2014

GENERAL SITE INFORMATION

Southside Oil Contact: Ms. Devon Watts
Consultant Contact: Mr. Mark Steele
Area Property Use: See Local Area Map (**Figure 1**)
Facility Status: Active branded Exxon service station. Ownership
and operation of the UST system was transferred
from Exxon Mobil Corporation (ExxonMobil) to
Southside Oil, LLC (Southside) on August 25,
2010.
Monitoring Wells: MW-1 through MW-10D, MW-12 through MW-14, and
BR-1
Tank Field Wells: TF-1 through TF-3
Site Geology: Clays, silts and sand
Groundwater Flow Direction: Varied

ACTIVITIES COMPLETED THIS PERIOD

June 30, 2014 – Groundwater Gauging/Sampling

Wells Gauged and Sampled:	MW-1 through MW-3, MW-5 through MW-9, MW-10D, MW-13, MW-14, BR-1, TF-1, TF-2 and TF-3
Liquid Phase Hydrocarbon:	None detected
Min./Max. Depth to Water (Monitoring Wells):	18.52 feet (MW-5) / 36.24 feet (MW-13)
Min./Max. Depth to Water (Tank Field):	0.90 feet (TF-3) / 2.40 feet (TF-1)
Hydraulic gradient:	0.022 feet / foot between MW-5 and MW-7
Groundwater Flow Direction:	Northwest
Hydraulic gradient:	0.065 feet / foot between MW-6 and MW-14
Groundwater Flow Direction:	Southeast

Groundwater samples were collected from the monitoring wells and tank field wells on June 30, 2014. The samples were submitted to Lancaster Laboratories for analysis of full list volatile organic compounds (VOCs), ethanol and fuel oxygenates using Environmental Protection Agency (EPA) Method 8260B and total petroleum hydrocarbon – gasoline range organics (TPH-GRO) and total petroleum hydrocarbon – diesel range organics (TPH-DRO) using EPA Method 8015B. Monitoring and tank field well gauging data and groundwater analytical data are summarized in **Table 1** and depicted on **Figure 2**. The Lancaster Laboratories Analysis Report for the sampling of site monitoring wells is included within **Appendix A**.

June 30, 2014 – Potable Well Sampling

Per the MDE's *Site Status Letter* dated July 30, 2013, the drinking water wells 1836 Perryville Road and 1825 Perryville Road were sampled on June 30, 2014. The water samples were submitted under chain of custody protocol to Lancaster Laboratories for analysis of full list VOCs and fuel oxygenates using EPA Method 524.2. A local area map showing the locations of potable wells is included as **Figure 1**.

The results of the potable well sampling are summarized in **Table 2**. The Lancaster Laboratories Analysis Reports for potable well sampling activities are included as **Appendix B**.

Methyl tertiary butyl ether (MTBE) was detected at concentrations of 5.9 micrograms per liter ($\mu\text{g/L}$) and 15 $\mu\text{g/L}$ in the 1836 Perryville Road and 1825 Perryville Road PI potable well samples, respectively. These results indicate continually decreasing trends, and both well samples have been below the MDE action level for MTBE of 20 $\mu\text{g/L}$ since March 27, 2012.

ACTIVITIES PLANNED FOR NEXT PERIOD (THIRD QUARTER 2014)

Activities planned for the Third Quarter 2014 include one round of groundwater gauging and sampling of the monitoring well network and tank field wells, and sampling of the potable wells at 1825 Perryville Road and 1836 Perryville Road.

LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

FIGURES AND TABLES:

- Figure 1: Local Area Map with Potable Well Sample Locations
- Figure 2: Hydrocarbon Distribution/Groundwater Contour Map
(June 30, 2014)

Table 1: Groundwater Monitoring & Analytical Data

Table 2: Potable Well Sampling Analytical Data

APPENDICES:

Appendix A: Lancaster Laboratories Analysis Reports: Monitoring Wells
(June 30, 2014)

Appendix B: Lancaster Laboratories Analysis Reports: Potable Wells
(June 30, 2014)

Prepared By:

Kleinfelder, Inc.

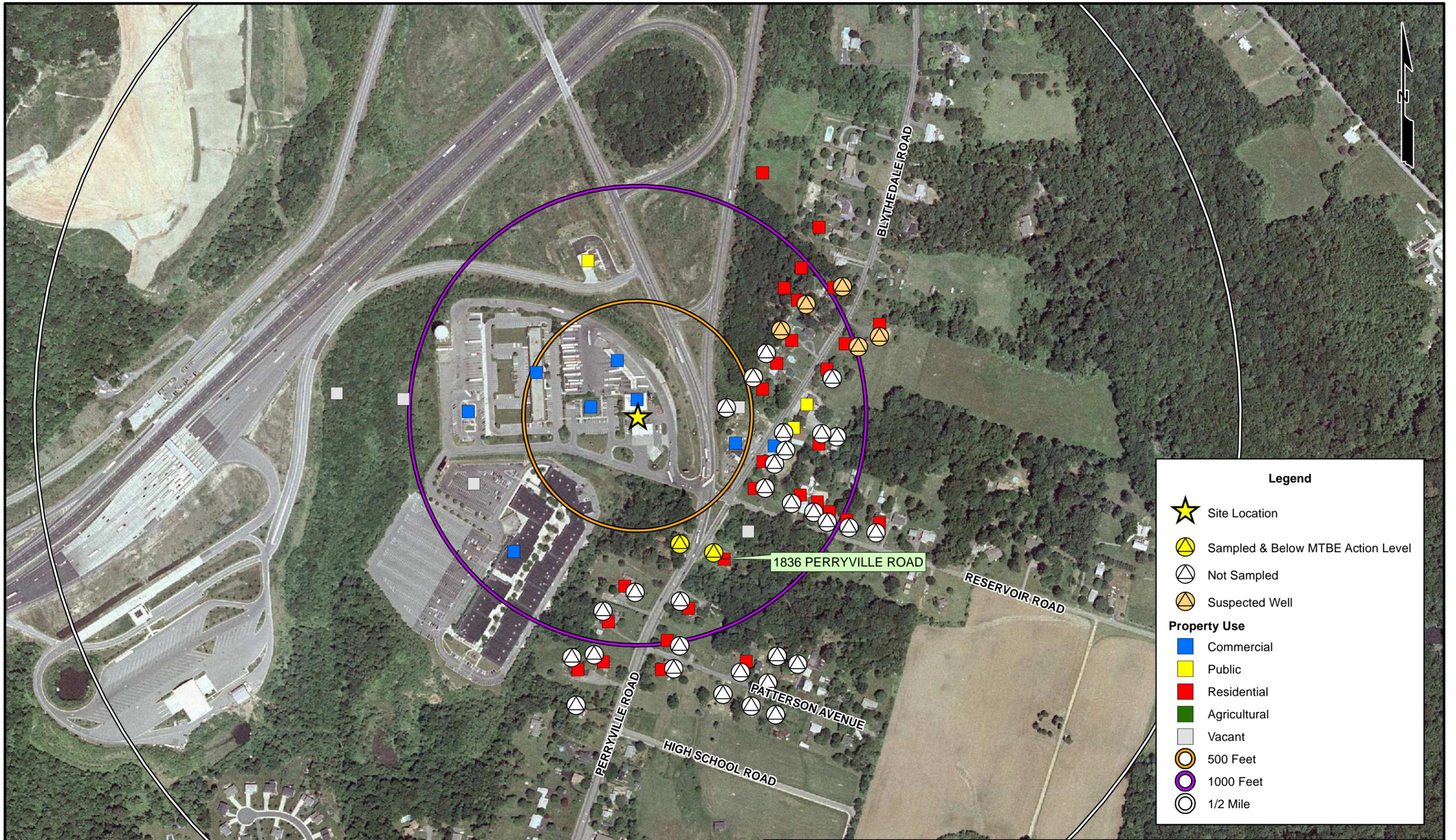


Timothy Boswell
Geologist



Mark Steele
Senior Program Manager

FIGURES



Legend

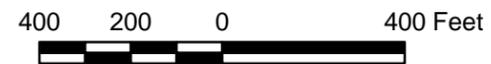
- Site Location
- Sampled & Below MTBE Action Level
- Not Sampled
- Suspected Well

Property Use

- Commercial
- Public
- Residential
- Agricultural
- Vacant

- 500 Feet
- 1000 Feet
- 1/2 Mile

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PROJECT NO.	113847
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**LOCAL AREA MAP
WITH POTABLE WELL
SAMPLE LOCATIONS**

SOUTHSIDE FACILITY # 20025
31 HEATHER LANE
PERRYVILLE, MARYLAND
CECIL COUNTY

FIGURE
1

Legend

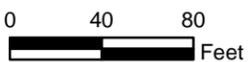
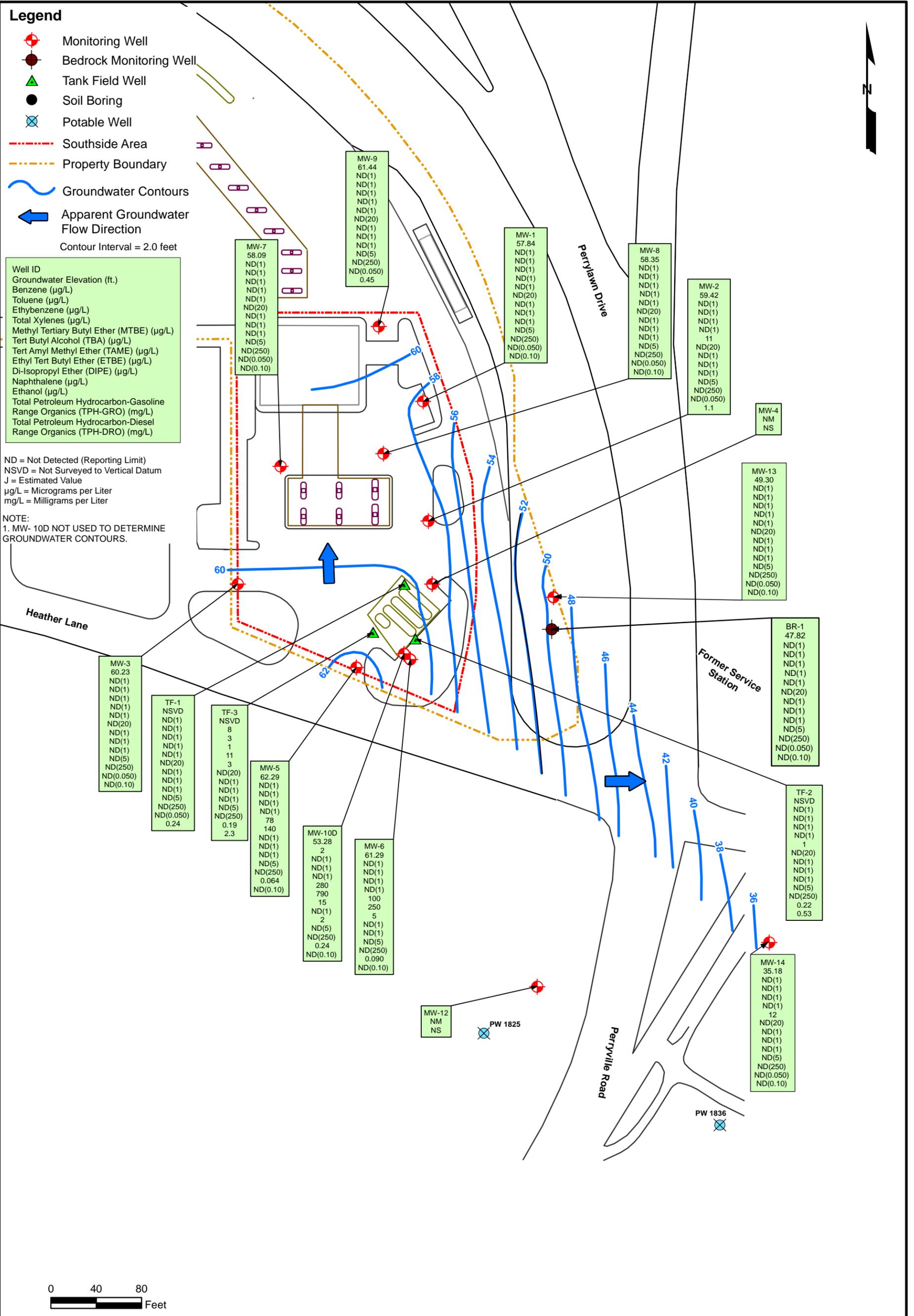
- Monitoring Well
- Bedrock Monitoring Well
- Tank Field Well
- Soil Boring
- Potable Well
- Southside Area
- Property Boundary
- Groundwater Contours
- Apparent Groundwater Flow Direction

Contour Interval = 2.0 feet

Well ID
Groundwater Elevation (ft.)
Benzene (µg/L)
Toluene (µg/L)
Ethylbenzene (µg/L)
Total Xylenes (µg/L)
Methyl Tertiary Butyl Ether (MTBE) (µg/L)
Tert Butyl Alcohol (TBA) (µg/L)
Tert Amyl Methyl Ether (TAME) (µg/L)
Ethyl Tert Butyl Ether (ETBE) (µg/L)
Di-Isopropyl Ether (DIPE) (µg/L)
Naphthalene (µg/L)
Ethanol (µg/L)
Total Petroleum Hydrocarbon-Gasoline Range Organics (TPH-GRO) (mg/L)
Total Petroleum Hydrocarbon-Diesel Range Organics (TPH-DRO) (mg/L)

ND = Not Detected (Reporting Limit)
 NSVD = Not Surveyed to Vertical Datum
 J = Estimated Value
 µg/L = Micrograms per Liter
 mg/L = Milligrams per Liter

NOTE:
 1. MW- 10D NOT USED TO DETERMINE GROUNDWATER CONTOURS.



 Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO. 113847	HYDROCARBON DISTRIBUTION/ GROUNDWATER CONTOUR MAP JUNE 30, 2014 SOUTHSIDE FACILITY # 20025 31 HEATHER LANE PERRYVILLE, CECIL COUNTY, MARYLAND	FIGURE 2
	DRAWN: 7/18/14		
	DRAWN BY: JR		
	CHECKED BY: TB		
	FILE NAME: 20025 HD MAP.mxd		

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TABLES

Table 1
Groundwater Monitoring Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
BR-1	09/18/2013	83.23	36.92	ND	ND	46.31	ND(5)	ND(5)	ND(5)	ND(5)	59	120	ND(5)	ND(5)	ND(5)	ND(5)	0.64	0.064	ND(250)	
	12/12/2013	83.23	36.31	ND	ND	46.92	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	83.23	35.77	ND	ND	47.46	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	06/30/2014	83.23	35.41	ND	ND	47.82	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-1	08/15/2005	89.87	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/17/2006	89.87	32.55	ND	ND	57.32	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	08/16/2006	89.87	33.13	ND	ND	56.74	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	02/28/2007	89.87	32.20	ND	ND	57.67	2.9	0.62	29.2	59.4	0.38	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	4.8	0.231	0.424	NA	
	06/07/2007	89.87	31.95	ND	ND	57.92	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.86 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/02/2007	89.87	33.18	ND	ND	56.69	2.8	0.39 J	18.8	19.8	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.7	ND(0.10)	ND(0.20)	NA	
	03/27/2008	89.87	33.16	ND	ND	56.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	09/24/2008	89.87	33.22	ND	ND	56.65	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(1.0)	ND(0.20)	NA	
	03/23/2009	89.87	33.92	ND	ND	55.95	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	NA	ND(0.20)	NA	
	09/05/2009	89.87	33.19	ND	ND	56.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.220	ND(0.20)	NA	
	01/26/2010	89.87	32.04	ND	ND	57.83	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/07/2010	89.87	32.11	ND	ND	57.76	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.11	ND(0.05)	NA	
	04/14/2011	89.87	32.46	ND	ND	57.41	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	09/10/2011	89.87	32.87	ND	ND	57.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.36	ND(0.050)	NA	
	12/08/2011	89.87	32.12	ND	ND	57.75	ND(25)	ND(25)	ND(25)	ND(25)	ND(25)	ND(400)	ND(25)	ND(25)	ND(25)	ND(25)	2.4	ND(0.25)	NA	
	03/27/2012	89.87	32.33	ND	ND	57.54	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.30	ND(0.050)	NA	
	06/11/2012	89.87	33.02	ND	ND	56.85	ND(5)	ND(5)	6	38	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	55	NA	0.48	NA	
	08/29/2012	89.87	33.47	ND	ND	56.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	11/17/2012	89.87	33.62	ND	ND	56.25	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	04/05/2013	89.87	33.81	ND	ND	56.06	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	06/21/2013	89.87	33.57	ND	ND	56.30	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	09/18/2013	89.87	32.51	ND	ND	57.36	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	12/12/2013	89.87	32.75	ND	ND	57.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	89.87	32.03	ND	ND	57.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	9900	
	04/18/2014	89.87	32.51	ND	ND	57.36	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)	
	06/30/2014	89.87	32.03	ND	ND	57.84	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-2	08/15/2005	86.17	27.09	ND	ND	59.08	ND	ND	ND	ND	880	NA	NA	NA	NA	NA	NA	NA	NA	
	03/17/2006	86.17	26.45	ND	ND	59.72	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	528	ND(25)	27.6	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	0.560	NA	
	08/16/2006	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	12.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	02/28/2007	86.17	26.82	ND	ND	59.35	6.7	1.2	54.1	120	33.0	ND(25)	1.3	ND(5.0)	ND(5.0)	8.8	0.320	0.878	NA	
	06/07/2007	86.17	28.91	ND	ND	57.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	14.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)	NA	
	10/02/2007	86.17	27.23	ND	ND	58.94	1.2	0.22 J	8.4	9.3	13.1	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	3.1 J	ND(0.10)	ND(0.20)	NA	
	03/27/2008	86.17	26.59	ND	ND	59.58	ND(1.0)	ND(1.0)	ND(1.0)	0.46	40.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.213	ND(0.20)	NA	
	09/24/2008	86.17	27.12	ND	ND	59.05	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	03/23/2009	86.17	26.84	ND	ND	59.33	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	9.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.294	ND(0.20)	NA	
	09/05/2009	86.17	26.91	ND	ND	59.26	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	4.9	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	01/26/2010	86.17	26.73	ND	ND	59.44	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	7.4	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/07/2010	86.17	26.80	ND	ND	59.37	ND(5)	ND(5)	ND(5)	ND(5)	20	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.23	ND(0.05)	NA	
	04/14/2011	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	110	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.10	NA	
	09/10/2011	86.17	26.86	ND	ND	59.31	ND(5)	ND(5)	ND(5)	ND(5)	39	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	NA	
	12/08/2011	86.17	26.74	ND	ND	59.43	ND(5)	ND(5)	ND(5)	ND(5)	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.062	NA	
	03/27/2012	86.17	26.71	ND	ND	59.46	ND(5)	ND(5)	ND(5)	ND(5)	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.68	ND(0.050)	NA	
	06/11/2012	86.17	26.81	ND	ND	59.36	ND(5)	ND(5)	ND(5)	ND(5)	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.53	ND(0.050)	NA	
	08/29/2012	86.17	27.03	ND	ND	59.14	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	ND(0.050)	NA	
	11/17/2012	86.17	27.01	ND	ND	59.16	ND(5)	ND(5)	ND(5)	ND(5)	17	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	ND(0.050)	ND(250)	
	04/05/2013	86.17	26.36	ND	ND	59.81	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.79	ND(0.050)	ND(250)	
	06/21/2013	86.17	26.66	ND	ND	59.51	ND(5)	ND(5)	ND(5)	ND(5)	11	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)	ND(250)	
	09/18/2013	86.17	26.85	ND	ND	59.32	ND(5)	ND(5)	ND(5)	ND(5)	9	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.83	ND(0.050)	ND(250)	
	12/12/2013	86.17	26.52	ND	ND	59.65	ND(5)	ND(5)	ND(5)	ND(5)	13	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.48	ND(0.050)	ND(250)	
	03/20/2014	86.17	26.37	ND	ND	59.80	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	7.7	ND(0.050)	ND(250)	
	06/30/2014	86.17	26.75	ND	ND	59.42	ND(1)	ND(1)	ND(1)	ND(1)	11	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	1.1	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-3	08/15/2005	84.83	25.89	ND	ND	58.94	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	
	03/17/2006	84.83	27.15	ND	ND	57.68	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	08/16/2006	84.83	26.75	ND	ND	58.08	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.18)	ND(0.20)	NA	
	02/28/2007	84.83	25.65	ND	ND	59.18	6.8	1.1	43.1	94.9	0.91 J	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.6	0.395	0.765	NA	
	06/07/2007	84.83	25.49	ND	ND	59.34	0.87 J	ND(1.0)	9.3	13.7	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5 J	ND(0.10)	ND(0.20)	NA	
	10/02/2007	84.83	27.44	ND	ND	57.39	5.7	0.65	36.7	40.5	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	14.4	2.22	ND(0.20)	NA	
	03/27/2008	84.83	27.69	ND	ND	57.14	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	0.219	ND(0.20)	NA	
	09/24/2008	84.83	27.37	ND	ND	57.46	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	03/23/2009	84.83	29.06	ND	ND	55.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	09/05/2009	84.83	27.50	ND	ND	57.33	2.4	0.50	ND(1.0)	0.62	0.60	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	ND(0.10)	ND(0.20)	NA	
	01/26/2010	84.83	24.26	ND	ND	60.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/07/2010	84.83	24.36	ND	ND	60.47	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	NA	
	04/14/2011	84.83	25.43	ND	ND	59.40	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	09/10/2011	84.83	24.25	ND	ND	60.58	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	ND(0.050)	NA	
	12/08/2011	84.83	20.16	ND	ND	64.67	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	NA	
	03/27/2012	84.83	26.44	ND	ND	58.39	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.18	ND(0.050)	NA	
	06/11/2012	84.83	22.05	ND	ND	62.78	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.21	ND(0.050)	NA	
	08/29/2012	84.83	27.18	ND	ND	57.65	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.17	ND(0.050)	NA	
	11/17/2012	84.83	27.99	ND	ND	56.84	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	04/05/2013	84.83	28.03	ND	ND	56.80	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.26	ND(0.050)	ND(250)	
	06/21/2013	84.83	27.12	ND	ND	57.71	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)	
	09/18/2013	84.83	25.88	ND	ND	58.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	84.83	25.76	ND	ND	59.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	84.83	25.07	ND	ND	59.76	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	06/30/2014	84.83	24.60	ND	ND	60.23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-4	06/07/2007	84.65	23.11	ND	ND	61.54	16.9	10.7	ND(20)	ND(20)	2640	7300	90.0	ND(100)	14.3	ND(100)	ND(0.10)	2.14	NA	
	10/02/2007	84.65	23.89	ND	ND	60.76	27.3	9.1	3.2	9.0	3500	8570	117	3.8	17.5	ND(25)	ND(0.10)	4.51	NA	
	03/27/2008	84.65	24.47	ND	ND	60.18	36.3	8.8	2.0	5.0	2760	6560	103	2.8	19.0	ND(5.0)	ND(0.10)	2.89	NA	
	09/24/2008	84.65	23.71	ND	ND	60.94	30.1	4.9	3.1	10.8	2020	7520	74.0	4.6	16.8	ND(25)	ND(0.10)	3.53	NA	
	03/23/2009	84.65	24.16	ND	ND	60.49	24.6	2.0	3.4	7.2	1870	6940	62.7	5.3	16.4	ND(13)	ND(0.10)	2.48	NA	
	09/05/2009	84.65	24.07	ND	ND	60.58	31.2	0.99	5.0	9.6	1240	4920	44.6	5.0	16.8	ND(5.0)	ND(0.10)	1.73	NA	
	01/26/2010	84.65	23.40	ND	ND	61.25	29.6	1.2	8.8	13.1	826	3890	32.9	5.2	17.8	ND(5.0)	ND(0.10)	1.20	NA	
	10/07/2010	84.65	23.80	ND	ND	60.85	27	ND(5)	12	30	510	2300	25	ND(5)	14	ND(5)	0.31	0.68	NA	
	04/14/2011	84.65	22.93	ND	ND	61.72	19	ND(5)	8	23	360	1500	17	ND(5)	10	ND(5)	0.25	0.60	NA	
	09/10/2011	84.65	23.16	ND	ND	61.49	20	ND(5)	9	24	310	1200	16	ND(5)	11	ND(5)	ND(0.095)	0.55	NA	
	12/08/2011	84.65	23.26	ND	ND	61.39	20	ND(5)	7	18	470	1700	23	ND(5)	10	ND(5)	ND(1.0)	0.70	NA	
	03/27/2012	84.65	22.40	ND	ND	62.25	16	ND(5)	7	17	320	1000	17	ND(5)	9	ND(5)	0.37	0.51	NA	
	06/11/2012	84.65	22.00	ND	ND	62.65	17	ND(5)	7	21	370	1300	17	ND(5)	8	ND(5)	0.24	0.48	NA	
	08/29/2012	84.65	22.72	ND	ND	61.93	18	ND(5)	7	19	410	1500	19	ND(5)	8	ND(5)	0.21	0.71	NA	
	11/17/2012	84.65	22.61	ND	ND	62.04	19	ND(5)	7	20	290	1100	16	ND(5)	8	ND(5)	0.20	0.42	ND(250)	
	04/05/2013	84.65	22.92	ND	ND	61.73	13	ND(5)	ND(5)	5	270	800	12	ND(5)	6	ND(5)	0.45	0.35	ND(250)	
	06/21/2013	84.65	22.52	ND	ND	62.13	14	ND(5)	ND(5)	7	280	1100	14	ND(5)	6	ND(5)	0.26	0.40	ND(250)	
	09/18/2013	84.65	22.24	ND	ND	62.41	14	ND(5)	ND(5)	6	280	990	14	ND(5)	6	ND(5)	0.49	0.48	ND(250)	
	12/12/2013	84.65	23.06	ND	ND	61.59	13	ND(5)	ND(5)	ND(5)	280	1000	13	ND(5)	5	ND(5)	ND(0.10)	0.38	ND(250)	
	03/20/2014	84.65	21.76	ND	ND	62.89	11	ND(5)	ND(5)	ND(5)	220	690	11	ND(5)	ND(5)	ND(5)	0.12	0.34	ND(250)	
06/30/2014	84.65	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	In accessible

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
MW-5	06/07/2007	80.81	18.50	ND	ND	62.31	0.52 J	ND(1.0)	9.0	12.5	86.3	ND(25)	1.3 J	ND(5.0)	ND(5.0)	1.6 J	ND(0.10)	ND(0.20)	NA		
	10/02/2007	80.81	19.24	ND	ND	61.57	1.2	ND(1.0)	10.3	11.2	3.0	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	6.2	ND(0.10)	ND(0.20)	NA		
	03/27/2008	80.81	19.62	ND	ND	61.19	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	5.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	09/24/2008	80.81	19.10	ND	ND	61.71	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	24.6	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	03/23/2009	80.81	20.02	ND	ND	60.79	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	3.5	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	09/05/2009	80.81	19.01	ND	ND	61.80	0.81	ND(1.0)	ND(1.0)	0.36	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.7	ND(0.10)	ND(0.20)	NA		
	01/26/2010	80.81	19.03	ND	ND	61.78	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	2.2	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	10/07/2010	80.81	19.09	ND	ND	61.72	ND(5)	ND(5)	ND(5)	ND(5)	59	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.063	NA	
	04/14/2011	80.81	18.80	ND	ND	62.01	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	0.15	ND(0.050)	NA	
	09/10/2011	80.81	18.79	ND	ND	62.02	ND(5)	ND(5)	ND(5)	ND(5)	110	290	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.11	NA	
	12/08/2011	80.81	18.91	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	51	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	0.056	NA	
	03/27/2012	80.81	18.62	ND	ND	62.19	ND(5)	ND(5)	ND(5)	ND(5)	49	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	0.054	NA	
	06/11/2012	80.81	18.35	ND	ND	62.46	ND(5)	ND(5)	ND(5)	ND(5)	270	190	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	0.15	NA	
	08/29/2012	80.81	18.32	ND	ND	62.49	ND(5)	ND(5)	ND(5)	ND(5)	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	11/17/2012	80.81	19.31	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	38	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	04/05/2013	80.81	19.52	ND	ND	61.29	ND(5)	ND(5)	ND(5)	ND(5)	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	06/21/2013	80.81	19.05	ND	ND	61.76	ND(5)	ND(5)	ND(5)	ND(5)	10	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	09/18/2013	80.81	18.71	ND	ND	62.10	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	12/12/2013	80.81	19.33	ND	ND	61.48	ND(5)	ND(5)	ND(5)	ND(5)	8	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	80.81	18.19	ND	ND	62.62	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	5.6	ND(0.050)	ND(250)	
06/30/2014	80.81	18.52	ND	ND	62.29	ND(1)	ND(1)	ND(1)	ND(1)	78	140	ND(1)	ND(1)	ND(1)	ND(5)	ND(5)	ND(0.10)	0.064	ND(250)		

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data														Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
MW-6	09/05/2009	83.74	22.05	ND	ND	61.69	2.7	0.39	ND(1.0)	0.35	560	1220	13.7	ND(5.0)	1.1	ND(5.0)	ND(0.10)	0.730	NA		
	01/26/2010	83.74	23.93	ND	ND	59.81	1.1	ND(1.0)	ND(1.0)	ND(1.0)	894	1930	29.3	ND(5.0)	2.7	ND(5.0)	ND(0.10)	0.888	NA		
	10/07/2010	83.74	23.30	ND	ND	60.44	ND(5)	ND(5)	ND(5)	ND(5)	970	2400	32	ND(5)	ND(5)	ND(5)	ND(0.095)	0.73	NA		
	04/14/2011	83.74	23.14	ND	ND	60.60	ND(10)	ND(10)	ND(10)	ND(10)	950	2600	45	ND(10)	ND(10)	ND(10)	ND(0.095)	1.0	NA		
	09/10/2011	83.74	22.25	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	240	670	11	ND(5)	ND(5)	ND(5)	ND(1.0)	0.24	NA		
	12/08/2011	83.74	22.15	ND	ND	61.59	ND(5)	ND(5)	ND(5)	ND(5)	340	1100	16	ND(5)	ND(5)	ND(5)	ND(1.0)	0.40	NA		
	03/27/2012	83.74	21.84	ND	ND	61.90	ND(5)	ND(5)	ND(5)	ND(5)	360	990	18	ND(5)	ND(5)	ND(5)	ND(0.096)	0.35	NA		
	06/11/2012	83.74	21.87	ND	ND	61.87	ND(5)	ND(5)	ND(5)	ND(5)	410	1300	22	ND(5)	ND(5)	ND(5)	ND(0.096)	0.34	NA		
	08/29/2012	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	190	510	9	ND(5)	ND(5)	ND(5)	ND(0.095)	0.22	NA		
	11/17/2012	83.74	22.55	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	190	550	9	ND(5)	ND(5)	ND(5)	ND(0.096)	0.16	ND(250)		
	04/05/2013	83.74	23.06	ND	ND	60.68	ND(5)	ND(5)	ND(5)	ND(5)	230	630	11	ND(5)	ND(5)	ND(5)	ND(0.095)	0.25	ND(250)		
	06/21/2013	83.74	22.19	ND	ND	61.55	ND(5)	ND(5)	ND(5)	ND(5)	220	790	13	ND(5)	ND(5)	ND(5)	ND(0.095)	0.24	ND(250)		
	09/18/2013	83.74	21.93	ND	ND	61.81	ND(5)	ND(5)	ND(5)	ND(5)	180	550	10	ND(5)	ND(5)	ND(5)	ND(0.096)	0.23	ND(250)		
	12/12/2013	83.74	22.60	ND	ND	61.14	ND(5)	ND(5)	ND(5)	ND(5)	200	610	10	ND(5)	ND(5)	ND(5)	ND(0.10)	0.18	ND(250)		
	03/20/2014	83.74	21.44	ND	ND	62.30	ND(5)	ND(5)	ND(5)	ND(5)	320	950	18	ND(5)	ND(5)	ND(5)	ND(0.10)	0.30	ND(250)		
06/30/2014	83.74	22.45	ND	ND	61.29	ND(1)	ND(1)	ND(1)	ND(1)	100	250	5	ND(1)	ND(1)	ND(5)	ND(0.10)	0.090	ND(250)			

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-7	09/05/2009	87.56	38.47	ND	ND	49.09	2.1	0.42	ND(1.0)	0.44	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	1.5	0.246	ND(0.20)	NA	
	01/26/2010	87.56	29.79	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/07/2010	87.56	28.33	ND	ND	59.23	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.14	ND(0.05)	NA	
	04/14/2011	87.56	29.42	ND	ND	58.14	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	09/10/2011	87.56	30.35	ND	ND	57.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.16	ND(0.050)	NA	
	12/08/2011	87.56	29.75	ND	ND	57.81	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	03/27/2012	87.56	30.07	ND	ND	57.49	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	NA	
	06/11/2012	87.56	30.91	ND	ND	56.65	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.098)	ND(0.050)	NA	
	08/29/2012	87.56	31.48	ND	ND	56.08	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	11/17/2012	87.56	31.71	ND	ND	55.85	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	04/05/2013	87.56	31.82	ND	ND	55.74	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)	
	06/21/2013	87.56	31.35	ND	ND	56.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	09/18/2013	87.56	30.05	ND	ND	57.51	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	87.56	30.77	ND	ND	56.79	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	87.56	29.59	ND	ND	57.97	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
06/30/2014	87.56	29.47	ND	ND	58.09	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-8	09/05/2009	87.77	30.00	ND	ND	57.77	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.8	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	01/26/2010	87.77	29.39	ND	ND	58.38	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	1.7	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA	
	10/07/2010	87.77	28.56	ND	ND	59.21	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.05)	NA	
	04/14/2011	87.77	29.40	ND	ND	58.37	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	09/10/2011	87.77	29.58	ND	ND	58.19	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	12/08/2011	87.77	29.44	ND	ND	58.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	03/27/2012	87.77	29.61	ND	ND	58.16	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	06/11/2012	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA	
	08/29/2012	87.77	29.77	ND	ND	58.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA	
	11/17/2012	87.77	29.81	ND	ND	57.96	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	04/05/2013	87.77	30.13	ND	ND	57.64	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.13	ND(0.050)	ND(250)	
	06/21/2013	87.77	29.82	ND	ND	57.95	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)	
	09/18/2013	87.77	29.51	ND	ND	58.26	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	87.77	29.70	ND	ND	58.07	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	87.77	28.98	ND	ND	58.79	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	8.4	ND(0.050)	ND(250)	
	04/18/2014	87.77	29.54	ND	ND	58.23	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)
06/30/2014	87.77	29.42	ND	ND	58.35	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
MW-9	09/05/2009	89.05	30.63	ND	ND	58.42	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	01/26/2010	89.05	27.48	ND	ND	61.57	ND(1.0)	ND(1.0)	ND(1.0)	ND(1.0)	0.66	ND(25)	ND(5.0)	ND(5.0)	ND(5.0)	ND(5.0)	ND(0.10)	ND(0.20)	NA		
	10/07/2010	89.05	27.56	ND	ND	61.49	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.05)	NA		
	04/14/2011	89.05	26.93	ND	ND	62.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	09/10/2011	89.05	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	09/29/2011	89.05	28.91	ND	ND	60.14	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	12/08/2011	89.05	27.05	ND	ND	62.00	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	03/27/2012	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	06/11/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	NA		
	08/29/2012	89.05	27.55	ND	ND	61.50	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA		
	11/17/2012	89.05	27.72	ND	ND	61.33	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)		
	04/05/2013	89.05	27.93	ND	ND	61.12	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)		
	06/21/2013	89.05	27.86	ND	ND	61.19	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.094)	ND(0.050)	ND(250)		
	09/18/2013	89.05	27.34	ND	ND	61.71	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)		
	12/12/2013	89.05	27.39	ND	ND	61.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)		
	03/20/2014	89.05	26.85	ND	ND	62.20	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	7700		
	04/18/2014	89.05	28.01	ND	ND	61.04	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)		
06/30/2014	89.05	27.61	ND	ND	61.44	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.45	ND(0.050)	ND(250)			

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data														Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
MW-10D	09/10/2011	82.61	28.18	ND	ND	54.43	ND(5)	ND(5)	ND(5)	ND(5)	26	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.0	0.077	NA		
	12/08/2011	82.61	26.77	ND	ND	55.84	ND(5)	ND(5)	ND(5)	ND(5)	75	230	ND(5)	ND(5)	ND(5)	ND(5)	2.1	0.084	NA		
	03/27/2012	82.61	28.15	ND	ND	54.46	ND(5)	ND(5)	ND(5)	ND(5)	400	980	20	ND(5)	ND(5)	ND(5)	0.97	0.38	NA		
	06/11/2012	82.61	28.69	ND	ND	53.92	ND(5)	ND(5)	ND(5)	ND(5)	140	350	6	ND(5)	ND(5)	ND(5)	0.13	0.080	NA		
	08/29/2012	82.61	29.31	ND	ND	53.30	ND(5)	ND(5)	ND(5)	ND(5)	420	1300	21	ND(5)	ND(5)	ND(5)	0.26	0.57	NA		
	11/17/2012	82.61	29.00	ND	ND	53.61	ND(5)	ND(5)	ND(5)	ND(5)	350	1300	18	ND(5)	ND(5)	ND(5)	ND(0.095)	0.33	ND(250)		
	04/05/2013	82.61	30.80	ND	ND	51.81	ND(5)	ND(5)	ND(5)	ND(5)	93	240	ND(5)	ND(5)	ND(5)	ND(5)	0.23	0.19	ND(250)		
	06/21/2013	82.61	30.30	ND	ND	52.31	ND(5)	ND(5)	ND(5)	ND(5)	320	1200	18	ND(5)	ND(5)	ND(5)	0.51	0.37	ND(250)		
	09/18/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	270	880	14	ND(5)	ND(5)	ND(5)	0.18	0.26	ND(250)		
	12/12/2013	82.61	29.32	ND	ND	53.29	ND(5)	ND(5)	ND(5)	ND(5)	37	100	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	0.074	ND(250)		
	03/20/2014	82.61	28.82	ND	ND	53.79	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)		
06/30/2014	82.61	29.33	ND	ND	53.28	2	ND(1)	ND(1)	ND(1)	280	790	15	ND(1)	2	ND(5)	ND(0.10)	0.24	ND(250)			
MW-12	09/10/2011	70.57	30.52	ND	ND	40.05	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(1.0)	ND(0.050)	NA		
	12/16/2011	70.57	30.77	ND	ND	39.80	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	03/27/2012	70.57	30.76	ND	ND	39.81	ND(5)	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	06/11/2012	70.57	30.97	ND	ND	39.60	ND(5)	ND(5)	ND(5)	ND(5)	6	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	NA		
	08/29/2012	70.57	31.75	ND	ND	38.82	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	NA		
	11/17/2012	70.57	32.56	ND	ND	38.01	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.095)	ND(0.050)	ND(250)		
	04/05/2013	70.57	33.02	ND	ND	37.55	ND(5)	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.40	ND(0.050)	ND(250)		
	06/21/2013	70.57	31.31	ND	ND	39.26	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	ND(250)		
	09/18/2013	70.57	31.03	ND	ND	39.54	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.096)	ND(0.050)	ND(250)		
	12/12/2013	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	03/20/2014	70.57	30.54	ND	ND	40.03	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)		
06/30/2014	70.57	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	Inaccessible	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
MW-13	04/05/2013	85.54	37.45	ND	ND	48.09	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	06/21/2013	85.54	36.88	ND	ND	48.66	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	NA	NA	ND(250)	
	09/18/2013	85.54	36.56	ND	ND	48.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	12/12/2013	85.54	36.83	ND	ND	48.71	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	85.54	36.36	ND	ND	49.18	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	06/30/2014	85.54	36.24	ND	ND	49.30	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
MW-14	04/05/2013	65.09	31.03	ND	ND	34.06	ND(5)	ND(5)	ND(5)	ND(5)	15	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.099)	ND(0.050)	ND(250)	
	06/21/2013	65.09	30.59	ND	ND	34.50	ND(5)	ND(5)	ND(5)	ND(5)	12	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	ND(0.050)	ND(250)	
	09/18/2013	65.09	30.31	ND	ND	34.78	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.097)	ND(0.050)	ND(250)	
	12/12/2013	65.09	30.62	ND	ND	34.47	ND(5)	ND(5)	ND(5)	ND(5)	14	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	03/20/2014	65.09	29.82	ND	ND	35.27	ND(5)	ND(5)	ND(5)	ND(5)	16	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	
	06/30/2014	65.09	29.91	ND	ND	35.18	ND(1)	ND(1)	ND(1)	ND(1)	12	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	ND(0.10)	ND(0.050)	ND(250)	

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph-thalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)	
TF-1	03/30/2006	NSVD	4.77	ND	ND	NSVD	106	121	ND(10)	ND(10)	6900	1120	150	58.1	41.6 J	ND(50)	0.304	6.92	NA	
	08/16/2006	NSVD	1.75	ND	ND	NSVD	323	222	10.8	33.8	10400	30300	66.3	64.7	26.6	ND(50)	3.09	8.98	NA	
	02/28/2007	NSVD	2.28	ND	ND	NSVD	149	20.0	845	990	3240	18400	ND(25)	ND(25)	34.8	191	6.82	19.8	NA	
	06/07/2007	NSVD	2.71	ND	ND	NSVD	92.2	3.6	65.9	3.6	151	1410	9.0	ND(5.0)	27.2	ND(5.0)	1.84	2.04	NA	
	10/02/2007	NSVD	3.16	ND	ND	NSVD	137	1.8	92.4	4.3	145	8080	ND(5.0)	12.6	29.2	7.2	1.03	1.80	NA	
	03/27/2008	NSVD	2.47	ND	ND	NSVD	10.3	ND(1.0)	1.6	0.56	10.1	688	ND(5.0)	1.2	1.4	ND(5.0)	0.545	0.619	NA	
	09/24/2008	NSVD	2.91	ND	ND	NSVD	14.5	0.65	4.1	9.3	8.9	294	ND(5.0)	0.54	1.3	10.1	1.06	2.17	NA	
	03/23/2009	NSVD	2.85	ND	ND	NSVD	45.7	140	62.8	197	11.5	292	3.9	3.3	9.9	5.4	0.895	2.15	NA	
	09/05/2009	NSVD	2.65	ND	ND	NSVD	0.73	ND(1.0)	ND(1.0)	0.34	12.1	181	2.0	2.2	10.2	ND(5.0)	0.474	0.298	NA	
	01/26/2010	NSVD	2.52	ND	ND	NSVD	1.1	ND(1.0)	ND(1.0)	0.35	1.9	9.7	ND(5.0)	ND(5.0)	0.53	ND(5.0)	0.220	0.393	NA	
	10/07/2010	NSVD	2.88	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.69	ND(0.05)	NA	
	04/14/2011	NSVD	2.07	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.3	0.53	NA	
	09/10/2011	NSVD	1.86	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.081	NA	
	12/08/2011	NSVD	2.01	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.85	0.13	NA	
	03/27/2012	NSVD	2.81	ND	ND	NSVD	18	22	9	11	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.76	0.15	NA	
	06/11/2012	NSVD	2.55	ND	ND	NSVD	9	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	8.6	0.41	NA	
	08/29/2012	NSVD	2.65	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.50	0.051	NA	
	11/17/2012	NSVD	2.55	ND	ND	NSVD	6	6	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.28	0.16	ND(250)	
	04/05/2013	NSVD	2.25	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.65	ND(0.050)	ND(250)	
	06/21/2013	NSVD	1.97	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.39	ND(0.050)	ND(250)	
09/18/2013	NSVD	2.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.38	ND(0.050)	ND(250)		
12/12/2013	NSVD	1.96	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.12	0.071	ND(250)		
03/20/2014	NSVD	2.51	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)		
06/30/2014	NSVD	2.40	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	ND(1)	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.24	ND(0.050)	ND(250)		

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data														Comments
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
TF-2	03/30/2006	NSVD	3.63	ND	ND	NSVD	46.2	ND(1.0)	ND(1.0)	ND(1.0)	10.1	3120	2.5 J	1.0 J	41.3	ND(5.0)	1.18	0.392	NA		
	08/16/2006	NSVD	2.40	ND	ND	NSVD	207	909	708	3210	28900	5660	146	44.1	ND(130)	168	3.15	28.6	NA		
	02/28/2007	NSVD	1.14	ND	ND	NSVD	220	12.0	619	2120	753	29000	10.7	51.5	20.7	135	3.43	16.7	NA		
	06/07/2007	NSVD	1.55	ND	ND	NSVD	194	ND(10)	717	1130	249	21600	ND(50)	37.4	50.9	175	4.49	13.5	NA		
	10/02/2007	NSVD	1.99	ND	ND	NSVD	165	2.6	641	655	29.1	21900	ND(25)	29.0	25.6	192	2.69	8.67	NA		
	03/27/2008	NSVD	0.31	ND	ND	NSVD	75.5	1.8	218	334	40.4	4720	ND(5.0)	9.1	14.0	100	2.66	6.48	NA		
	09/24/2008	NSVD	1.57	ND	ND	NSVD	48.9	7.4	73.1	222	18.1	541	ND(5.0)	1.6	8.0	87.6	1.34	4.89	NA		
	03/23/2009	NSVD	1.45	ND	ND	NSVD	144	169	27.8	113	22.2	417	ND(5.0)	6.2	18.6	59.4	1.37	3.90	NA		
	09/05/2009	NSVD	1.37	ND	ND	NSVD	173	12.2	3.5	13.0	19.2	594	ND(5.0)	6.3	20.1	60.5	1.21	2.35	NA		
	01/26/2010	NSVD	1.16	ND	ND	NSVD	28.2	0.59	0.63	2.7	9.1	135	1.5	1.1	4.1	21.0	0.880	2.01	NA		
	10/07/2010	NSVD	1.70	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.95	ND(0.05)	NA		
	04/14/2011	NSVD	0.88	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.47	NA		
	09/10/2011	NSVD	0.32	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.3	0.56	NA		
	12/08/2011	NSVD	0.70	ND	ND	NSVD	5	ND(5)	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.59	NA		
	03/27/2012	NSVD	1.54	ND	ND	NSVD	8	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.58	NA		
	06/11/2012	NSVD	1.33	ND	ND	NSVD	15	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.57	NA		
	08/29/2012	NSVD	1.40	ND	ND	NSVD	16	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.8	0.56	NA		
	11/17/2012	NSVD	1.30	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.52	0.36	ND(250)		
	04/05/2013	NSVD	1.00	ND	ND	NSVD	6	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.2	0.31	ND(250)		
	06/21/2013	NSVD	0.71	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.60	0.17	ND(250)		
09/18/2013	NSVD	1.35	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	9	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.1	0.38	ND(250)			
12/12/2013	NSVD	0.68	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.33	0.24	ND(250)			
03/20/2014	NSVD	1.02	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	ND(0.10)	ND(0.050)	ND(250)			
06/30/2014	NSVD	1.08	ND	ND	NSVD	ND(1)	ND(1)	ND(1)	ND(1)	1	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	0.53	0.22	ND(250)			

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 August 15, 2005 through June 30, 2014

Sample ID	Date	Gauging Data					Analytical Data													Comments	
		Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Corrected GW Elevation (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	TPH-DRO (mg/L)	TPH-GRO (mg/L)	Ethanol (µg/L)		
TF-3	03/30/2006	NSVD	4.84	ND	ND	NSVD	14.3	0.81 J	0.61 J	8.9	173	2110	9.5	2.6 J	14.6	ND(5.0)	2.44	0.652	NA		
	08/16/2006	NSVD	NM	NM	NM	NM	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	
	02/28/2007	NSVD	0.92	ND	ND	NSVD	257	19.8	568	1820	778	27700	ND(25)	ND(25)	8.4 J	98.8	9.42	11.8	NA		
	06/07/2007	NSVD	0.42	ND	ND	NSVD	173	13.8	444	794	423	23600	ND(13)	34.1	7.5	110	4.82	6.15	NA		
	10/02/2007	NSVD	1.51	ND	ND	NSVD	97.9	3.6	48.0	157	17.5	12400	ND(5.0)	14.0	4.9 J	157	2.71	2.77	NA		
	03/27/2008	NSVD	0.27	ND	ND	NSVD	41.1	6.7	9.3	254	60.1	3270	ND(5.0)	5.4	3.6	89.2	30.7	1.65	NA		
	09/24/2008	NSVD	0.96	ND	ND	NSVD	23.4	2.0	1.2	17.7	12.2	1040	ND(5.0)	1.7	4.0	88.6	1.56	0.727	NA		
	03/23/2009	NSVD	0.77	ND	ND	NSVD	48.7	25.5	7.2	42.1	21.7	547	3.2 J	2.8 J	7.4	53.7	21.3	0.994	NA		
	09/05/2009	NSVD	1.00	ND	ND	NSVD	106	16.3	1.5	24.9	33.0	647	3.3	5.1	16.7	62.5	3.11	1.25	NA		
	01/26/2010	NSVD	0.40	ND	ND	NSVD	23.5	2.7	2.3	9.0	12.4	161	1.1 J	0.62 J	2.1 J	22.3	0.869	1.55	NA		
	10/07/2010	NSVD	1.04	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	2.1	ND(0.05)	NA		
	04/14/2011	NSVD	0.67	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.7	0.46	NA		
	09/10/2011	NSVD	0.02	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	14	0.059	NA		
	12/08/2011	NSVD	0.80	ND	ND	NSVD	21	ND(5)	ND(5)	ND(5)	7	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	4.6	0.20	NA		
	03/27/2012	NSVD	0.98	ND	ND	NSVD	ND(50)	ND(50)	ND(50)	86	ND(50)	ND(800)	ND(50)	ND(50)	ND(50)	ND(50)	12	1.3	NA		
	06/11/2012	NSVD	1.17	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	0.59	ND(0.050)	NA		
	08/29/2012	NSVD	0.95	ND	ND	NSVD	16	6	ND(5)	ND(5)	5	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.0	0.23	NA		
	11/17/2012	NSVD	0.63	ND	ND	NSVD	11	ND(5)	ND(5)	7	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	29	0.29	ND(250)		
	04/05/2013	NSVD	0.90	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	30	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	18	0.32	650		
	06/21/2013	NSVD	0.26	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	36	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	35	0.29	ND(250)		
09/18/2013	NSVD	0.40	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	3.4	0.30	ND(250)			
12/12/2013	NSVD	0.92	ND	ND	NSVD	ND(5)	ND(5)	ND(5)	ND(5)	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	1.5	0.28	ND(250)			
03/20/2014	NSVD	0.11	ND	ND	NSVD	ND(5)	8	ND(5)	13	ND(5)	ND(80)	ND(5)	ND(5)	ND(5)	ND(5)	16	0.20	520			
04/18/2014	NSVD	0.99	ND	ND	NSVD	9	16	12	39	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	NA	NA	ND(250)			
06/30/2014	NSVD	0.90	ND	ND	NSVD	8	3	1	11	3	ND(20)	ND(1)	ND(1)	ND(1)	ND(5)	2.3	0.19	ND(250)			

Table 1 (Continued)
Groundwater Monitoring Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
August 15, 2005 through June 30, 2014

Notes:

µg/L - micrograms per liter (µg/L)

GW - Groundwater

J - Indicates an estimated value

mg/L - milligram per liter (mg/L)

NA - Not analyzed

ND - Not detected

ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.

NM - Not monitored

NS - Not sampled

NSVD - Not surveyed to vertical datum

Table 2**Potable Well Point of Entry Treatment (POET) Analytical Data**

Southside Facility #20025
 31 Heather Lane
 Perryville, Maryland
 October 5, 2010 through June 30, 2014

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naphthalene (µg/L)	Comments
803 Perryville Road	08/29/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1812 Perryville Rd	08/29/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1825 Perryville Rd	10/05/2010	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1825 Perryville PI	07/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/16/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	24	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/27/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/05/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/10/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	18	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/18/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	15	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/24/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	13	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/30/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	15	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1825 Perryville PM	07/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/16/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/27/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/05/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/10/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/18/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/24/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/30/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
1825 Perryville PE	07/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/16/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/27/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/05/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/10/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/18/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/24/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/30/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)**Potable Well Point of Entry Treatment (POET) Analytical Data**

Southside Facility #20025

31 Heather Lane

Perryville, Maryland

October 5, 2010 through June 30, 2014

Well ID	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	Total BTEX (µg/L)	MTBE (µg/L)	TBA (µg/L)	TAME (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Naph- thalene (µg/L)	Comments
1836 Perryville Rd	04/14/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	07/07/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.1	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/16/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/28/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	6.2	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/05/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.4	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/10/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.8	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/14/2012	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	03/20/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.6	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/21/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.0	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	08/29/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.3	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	12/12/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.7	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
7 Patterson Ave	03/20/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	3.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	06/30/2014	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	5.9	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	04/14/2011	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(1.0)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	
	09/18/2013	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	BRL	ND(0.5)	ND(25)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)	

Table 2 (Continued)

Potable Well Point of Entry Treatment (POET) Analytical Data

Southside Facility #20025
31 Heather Lane
Perryville, Maryland
October 5, 2010 through June 30, 2014

Notes:

- µg/L - micrograms per liter (µg/L)
- BRL - Below laboratory reporting limits
- BTEX - Benzene, toluene, ethylbenzene, and total xylenes
- DIPE - Di-Isopropyl Ether
- ETBE - Ethyl Tertiary Butyl Ether
- MTBE - Methyl Tert Butyl Ether
- NA - Not analyzed
- ND(5.0) - Not detected at or above the laboratory reporting limit, laboratory reporting limit included.
- NS - Not sampled
- TAME - Tertiary Amyl Methyl Ether
- TBA - Tertiary Butyl Alcohol

**APPENDIX A:
Lancaster Laboratories Analysis Reports:
Monitoring Wells
(June 30, 2014)**

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

July 11, 2014

Project: Southside Oil 20025

Submittal Date: 07/01/2014
Group Number: 1485908
PO Number: 51141-295999
State of Sample Origin: MD

<u>Client Sample Description</u>	<u>Lancaster Labs (LL) #</u>
MW-1 Grab Water	7518290
MW-2 Grab Water	7518291
MW-3 Grab Water	7518292
MW-5 Grab Water	7518293
MW-6 Grab Water	7518294
MW-7 Grab Water	7518295
MW-8 Grab Water	7518296
MW-9 Grab Water	7518297
MW-10D Grab Water	7518298
MW-13 Grab Water	7518299
MW-14 Grab Water	7518300
TF-1 Grab Water	7518301
TF-2 Grab Water	7518302
TF-3 Grab Water	7518303
BR-1 Grab Water	7518304

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz

Respectfully Submitted,

A handwritten signature in black ink that reads "Amek Carter". The signature is written in a cursive style with a long horizontal stroke at the end of the name.

Amek Carter
Specialist

(717) 556-7252

Sample Description: MW-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518290
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 16:15 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02501

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518290
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 16:15 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02501

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B	mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B	mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 02:46	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 02:46	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 15:29	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 15:29	Marie D Beamenderfer	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 11:46	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-2 Grab Water
Southside Oil 20025

LL Sample # WW 7518291
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 13:20 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02502

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	11	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

Sample Description: MW-2 Grab Water
Southside Oil 20025

LL Sample # WW 7518291
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 13:20 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02502

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles			ug/l	ug/l	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles			mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons			mg/l	mg/l	
12858	DRO C10-C28	n.a.	1.1	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 03:10	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 03:10	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 15:52	Marie D Beamenderfer	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 15:52	Marie D Beamenderfer	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 17:23	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-3 Grab Water
Southside Oil 20025

LL Sample # WW 7518292
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 11:40 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02503

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-3 Grab Water
Southside Oil 20025

LL Sample # WW 7518292
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 11:40 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02503

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B		ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B		mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B		mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 03:33	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 03:33	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 16:14	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 16:14	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 12:09	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: **MW-5 Grab Water**
Southside Oil 20025

LL Sample # **WW 7518293**
LL Group # **1485908**
Account # **12152**

Project Name: **Southside Oil 20025**

Collected: 06/30/2014 13:00 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02505

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	140	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	78	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

Sample Description: MW-5 Grab Water
Southside Oil 20025

LL Sample # WW 7518293
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 13:00 by JW

Kleinfelder

1 Speen Street

Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02505

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles SW-846 8015B			mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	0.064	0.050	1
GC Petroleum Hydrocarbons SW-846 8015B			mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 03:57	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 03:57	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 16:36	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 16:36	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 12:46	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: **MW-6 Grab Water**
Southside Oil 20025

LL Sample # **WW 7518294**
LL Group # **1485908**
Account # **12152**

Project Name: **Southside Oil 20025**

Collected: 06/30/2014 15:15 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02506

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	5	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	250	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	100	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

Sample Description: MW-6 Grab Water
Southside Oil 20025

LL Sample # WW 7518294
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 15:15 by JW

Kleinfelder

1 Speen Street

Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02506

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B			ug/l	ug/l	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles SW-846 8015B			mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	0.090	0.050	1
GC Petroleum Hydrocarbons SW-846 8015B			mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 04:20	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 04:20	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 16:59	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 16:59	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 13:10	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-7 Grab Water
Southside Oil 20025

LL Sample # WW 7518295
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 12:40 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02507

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-7 Grab Water
Southside Oil 20025

LL Sample # WW 7518295
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 12:40 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02507

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B	mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B	mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 04:43	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 04:43	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 17:21	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 17:21	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 13:33	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-8 Grab Water
Southside Oil 20025

LL Sample # WW 7518296
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 13:50 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02508

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-8 Grab Water
Southside Oil 20025

LL Sample # WW 7518296
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 13:50 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02508

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
	SW-846 8260B		ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
	SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
	SW-846 8015B		mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 05:06	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 05:06	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 17:43	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 17:43	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 13:56	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: **MW-9 Grab Water**
Southside Oil 20025

LL Sample # **WW 7518297**
LL Group # **1485908**
Account # **12152**

Project Name: **Southside Oil 20025**

Collected: 06/30/2014 15:45 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02509

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-9 Grab Water
Southside Oil 20025

LL Sample # WW 7518297
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 15:45 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02509

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B	mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B	mg/l	mg/l	
12858	DRO C10-C28	n.a.	0.45	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+ETOH	SW-846 8260B	1	W141832AA	07/03/2014 05:29	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 05:29	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 18:05	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 18:05	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 14:19	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: **MW-10D Grab Water**
Southside Oil 20025

LL Sample # **WW 7518298**
LL Group # **1485908**
Account # **12152**

Project Name: **Southside Oil 20025**

Collected: 06/30/2014 10:45 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	15	1	1
10335	Benzene	71-43-2	2	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	790	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	2	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	280	10	10
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1

Sample Description: MW-10D Grab Water
Southside Oil 20025

LL Sample # WW 7518298
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 10:45 by JW

Kleinfelder

1 Speen Street

Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02510

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles SW-846 8015B mg/l mg/l					
01635	TPH-GRO water C6-C10	n.a.	0.24	0.050	1
GC Petroleum SW-846 8015B mg/l mg/l					
Hydrocarbons					
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 07:02	Christopher G Torres	1
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 07:26	Christopher G Torres	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 07:02	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W141832AA	07/03/2014 07:26	Christopher G Torres	10
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 18:28	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 18:28	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 14:42	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-13 Grab Water
Southside Oil 20025

LL Sample # WW 7518299
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 09:30 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02513

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: MW-13 Grab Water
Southside Oil 20025

LL Sample # WW 7518299
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 09:30 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02513

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B	mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B	mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 05:53	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 05:53	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 19:34	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 19:34	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 15:05	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: MW-14 Grab Water
Southside Oil 20025

LL Sample # WW 7518300
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 16:30 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

02514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	12	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

Sample Description: MW-14 Grab Water
Southside Oil 20025

LL Sample # WW 7518300
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 16:30 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

02514

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles			ug/l	ug/l	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles			mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons			mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141832AA	07/03/2014 06:16	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 06:16	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 19:57	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 19:57	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 15:28	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: TF-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518301
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 10:30 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

025T1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: TF-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518301
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 10:30 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

025T1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
	SW-846 8260B		ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
	SW-846 8015B		mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
	SW-846 8015B		mg/l	mg/l	
12858	DRO C10-C28	n.a.	0.24	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+ETOH	SW-846 8260B	1	W141832AA	07/03/2014 06:39	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141832AA	07/03/2014 06:39	Christopher G Torres	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 20:21	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 20:21	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 15:51	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: **TF-2 Grab Water**
Southside Oil 20025

LL Sample # **WW 7518302**
LL Group # **1485908**
Account # **12152**

Project Name: **Southside Oil 20025**

Collected: 06/30/2014 11:15 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

025T2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1

Sample Description: TF-2 Grab Water
Southside Oil 20025

LL Sample # WW 7518302
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 11:15 by JW

Kleinfelder

1 Speen Street

Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

025T2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles			ug/l	ug/l	
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles			mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	0.22	0.050	1
GC Petroleum Hydrocarbons			mg/l	mg/l	
12858	DRO C10-C28	n.a.	0.53	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141841AA	07/03/2014 19:17	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141841AA	07/03/2014 19:17	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14183A20A	07/02/2014 20:43	Laura M Krieger	1
01146	GC VOA Water Prep	SW-846 5030B	1	14183A20A	07/02/2014 20:43	Laura M Krieger	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 16:14	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: TF-3 Grab Water
Southside Oil 20025

LL Sample # WW 7518303
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 12:15 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

025T3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	8	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	6	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	3	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	9	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	3	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1

Sample Description: TF-3 Grab Water
Southside Oil 20025

LL Sample # WW 7518303
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 12:15 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

025T3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles SW-846 8260B ug/l ug/l					
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	11	1	1
GC Volatiles SW-846 8015B mg/l mg/l					
01635	TPH-GRO water C6-C10	n.a.	0.19	0.050	1
GC Petroleum SW-846 8015B mg/l mg/l					
Hydrocarbons					
12858	DRO C10-C28	n.a.	2.3	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141841AA	07/03/2014 19:41	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141841AA	07/03/2014 19:41	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14181B20A	07/02/2014 12:51	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181B20A	07/02/2014 12:51	Miranda P Tillinghast	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 16:37	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Sample Description: BR-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518304
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 14:45 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/11/2014 12:23

Framingham MA 01701

025B1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846 8260B	ug/l	ug/l	
10335	Acetone	67-64-1	< 20	20	1
10335	Acrolein	107-02-8	< 100	100	1
10335	Acrylonitrile	107-13-1	< 20	20	1
10335	t-Amyl methyl ether	994-05-8	< 1	1	1
10335	Benzene	71-43-2	< 1	1	1
10335	Bromodichloromethane	75-27-4	< 1	1	1
10335	Bromoform	75-25-2	< 4	4	1
10335	Bromomethane	74-83-9	< 1	1	1
10335	2-Butanone	78-93-3	< 10	10	1
10335	t-Butyl alcohol	75-65-0	< 20	20	1
10335	n-Butylbenzene	104-51-8	< 5	5	1
10335	sec-Butylbenzene	135-98-8	< 5	5	1
10335	Carbon Tetrachloride	56-23-5	< 1	1	1
10335	Chlorobenzene	108-90-7	< 1	1	1
10335	Chloroethane	75-00-3	< 1	1	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	< 10	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.				
10335	Chloroform	67-66-3	< 1	1	1
10335	Chloromethane	74-87-3	< 1	1	1
10335	Dibromochloromethane	124-48-1	< 1	1	1
10335	1,2-Dichlorobenzene	95-50-1	< 5	5	1
10335	1,3-Dichlorobenzene	541-73-1	< 5	5	1
10335	1,4-Dichlorobenzene	106-46-7	< 5	5	1
10335	1,1-Dichloroethane	75-34-3	< 1	1	1
10335	1,2-Dichloroethane	107-06-2	< 1	1	1
10335	1,1-Dichloroethene	75-35-4	< 1	1	1
10335	cis-1,2-Dichloroethene	156-59-2	< 1	1	1
10335	trans-1,2-Dichloroethene	156-60-5	< 1	1	1
10335	1,2-Dichloropropane	78-87-5	< 1	1	1
10335	cis-1,3-Dichloropropene	10061-01-5	< 1	1	1
10335	trans-1,3-Dichloropropene	10061-02-6	< 1	1	1
10335	Ethanol	64-17-5	< 250	250	1
10335	Ethyl t-butyl ether	637-92-3	< 1	1	1
10335	Ethylbenzene	100-41-4	< 1	1	1
10335	di-Isopropyl ether	108-20-3	< 1	1	1
10335	Isopropylbenzene	98-82-8	< 5	5	1
10335	p-Isopropyltoluene	99-87-6	< 5	5	1
10335	Methyl Tertiary Butyl Ether	1634-04-4	< 1	1	1
10335	Methylene Chloride	75-09-2	< 3	3	1
10335	Naphthalene	91-20-3	< 5	5	1
10335	n-Propylbenzene	103-65-1	< 5	5	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	< 1	1	1
10335	Tetrachloroethene	127-18-4	< 1	1	1
10335	Toluene	108-88-3	< 1	1	1
10335	1,1,1-Trichloroethane	71-55-6	< 1	1	1
10335	1,1,2-Trichloroethane	79-00-5	< 1	1	1
10335	Trichloroethene	79-01-6	< 1	1	1
10335	Trichlorofluoromethane	75-69-4	< 1	1	1
10335	1,2,4-Trimethylbenzene	95-63-6	< 5	5	1
10335	1,3,5-Trimethylbenzene	108-67-8	< 5	5	1

Sample Description: BR-1 Grab Water
Southside Oil 20025

LL Sample # WW 7518304
LL Group # 1485908
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 14:45 by JW

Kleinfelder

1 Speen Street

Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/11/2014 12:23

025B1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles					
		SW-846 8260B	ug/l	ug/l	
10335	Vinyl Chloride	75-01-4	< 1	1	1
10335	Xylene (Total)	1330-20-7	< 1	1	1
GC Volatiles					
		SW-846 8015B	mg/l	mg/l	
01635	TPH-GRO water C6-C10	n.a.	< 0.050	0.050	1
GC Petroleum Hydrocarbons					
		SW-846 8015B	mg/l	mg/l	
12858	DRO C10-C28	n.a.	< 0.10	0.10	1

General Sample Comments

Trip blank vials were not received by the laboratory for this sample group.

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOC 8260 Kleinfelder Full+EtOH	SW-846 8260B	1	W141841AA	07/03/2014 20:04	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W141841AA	07/03/2014 20:04	Jason M Long	1
01635	TPH-GRO water C6-C10	SW-846 8015B	1	14181B20A	07/02/2014 13:13	Miranda P Tillinghast	1
01146	GC VOA Water Prep	SW-846 5030B	1	14181B20A	07/02/2014 13:13	Miranda P Tillinghast	1
12858	TPH-DRO water C10-C28	SW-846 8015B	1	141900006A	07/10/2014 17:00	Christine E Dolman	1
12059	Microextraction - DRO (waters)	SW-846 3511	1	141900006A	07/09/2014 14:00	Wanda F Oswald	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/11/14 at 12:23 PM

Group Number: 1485908

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: W141832AA	Sample number(s): 7518290-7518301							
Acetone	< 20	20.	ug/l	71		43-149		
Acrolein	< 100	100.	ug/l	93		52-129		
Acrylonitrile	< 20	20.	ug/l	71		62-120		
t-Amyl methyl ether	< 1	1.	ug/l	91		75-120		
Benzene	< 1	1.	ug/l	102		78-120		
Bromodichloromethane	< 1	1.	ug/l	95		73-120		
Bromoform	< 4	4.	ug/l	79		61-120		
Bromomethane	< 1	1.	ug/l	115		58-120		
2-Butanone	< 10	10.	ug/l	72		54-133		
t-Butyl alcohol	< 20	20.	ug/l	100		75-120		
n-Butylbenzene	< 5	5.	ug/l	105		68-120		
sec-Butylbenzene	< 5	5.	ug/l	104		80-120		
Carbon Tetrachloride	< 1	1.	ug/l	109		74-130		
Chlorobenzene	< 1	1.	ug/l	103		80-120		
Chloroethane	< 1	1.	ug/l	111		56-120		
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	98		54-126		
Chloroform	< 1	1.	ug/l	106		80-122		
Chloromethane	< 1	1.	ug/l	105		63-120		
Dibromochloromethane	< 1	1.	ug/l	94		72-120		
1,2-Dichlorobenzene	< 5	5.	ug/l	98		80-120		
1,3-Dichlorobenzene	< 5	5.	ug/l	96		80-120		
1,4-Dichlorobenzene	< 5	5.	ug/l	97		80-120		
1,1-Dichloroethane	< 1	1.	ug/l	100		80-120		
1,2-Dichloroethane	< 1	1.	ug/l	108		65-135		
1,1-Dichloroethene	< 1	1.	ug/l	104		76-124		
cis-1,2-Dichloroethene	< 1	1.	ug/l	102		80-120		
trans-1,2-Dichloroethene	< 1	1.	ug/l	108		80-120		
1,2-Dichloropropane	< 1	1.	ug/l	98		80-120		
cis-1,3-Dichloropropene	< 1	1.	ug/l	91		80-120		
trans-1,3-Dichloropropene	< 1	1.	ug/l	89		76-120		
Ethanol	< 250	250.	ug/l	100		54-149		
Ethyl t-butyl ether	< 1	1.	ug/l	92		74-120		
Ethylbenzene	< 1	1.	ug/l	97		79-120		
di-Isopropyl ether	< 1	1.	ug/l	90		65-120		
Isopropylbenzene	< 5	5.	ug/l	97		77-120		
p-Isopropyltoluene	< 5	5.	ug/l	100		80-120		
Methyl Tertiary Butyl Ether	< 1	1.	ug/l	95		75-120		
Methylene Chloride	< 3	3.	ug/l	104		80-120		
Naphthalene	< 5	5.	ug/l	79		47-126		
n-Propylbenzene	< 5	5.	ug/l	96		80-120		
1,1,2,2-Tetrachloroethane	< 1	1.	ug/l	87		70-120		
Tetrachloroethene	< 1	1.	ug/l	106		80-120		
Toluene	< 1	1.	ug/l	100		80-120		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1485908

Reported: 07/11/14 at 12:23 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,1-Trichloroethane	< 1	1.	ug/l	94		66-126		
1,1,2-Trichloroethane	< 1	1.	ug/l	97		80-120		
Trichloroethene	< 1	1.	ug/l	108		80-120		
Trichlorofluoromethane	< 1	1.	ug/l	130		65-130		
1,2,4-Trimethylbenzene	< 5	5.	ug/l	95		74-120		
1,3,5-Trimethylbenzene	< 5	5.	ug/l	97		74-120		
Vinyl Chloride	< 1	1.	ug/l	112		63-120		
Xylene (Total)	< 1	1.	ug/l	97		80-120		

Batch number: W141841AA

Sample number(s): 7518302-7518304

Acetone	< 20	20.	ug/l	74	74	43-149	0	30
Acrolein	< 100	100.	ug/l	91	91	52-129	0	30
Acrylonitrile	< 20	20.	ug/l	72	71	62-120	2	30
t-Amyl methyl ether	< 1	1.	ug/l	93	93	75-120	0	30
Benzene	< 1	1.	ug/l	103	102	78-120	1	30
Bromodichloromethane	< 1	1.	ug/l	97	97	73-120	0	30
Bromoform	< 4	4.	ug/l	82	80	61-120	3	30
Bromomethane	< 1	1.	ug/l	114	115	58-120	2	30
2-Butanone	< 10	10.	ug/l	73	72	54-133	2	30
t-Butyl alcohol	< 20	20.	ug/l	101	104	75-120	3	30
n-Butylbenzene	< 5	5.	ug/l	107	109	68-120	2	30
sec-Butylbenzene	< 5	5.	ug/l	104	108	80-120	3	30
Carbon Tetrachloride	< 1	1.	ug/l	110	110	74-130	1	30
Chlorobenzene	< 1	1.	ug/l	105	106	80-120	0	30
Chloroethane	< 1	1.	ug/l	106	104	56-120	1	30
2-Chloroethyl Vinyl Ether	< 10	10.	ug/l	97	95	54-126	2	30
Chloroform	< 1	1.	ug/l	107	106	80-122	2	30
Chloromethane	< 1	1.	ug/l	110	117	63-120	6	30
Dibromochloromethane	< 1	1.	ug/l	94	94	72-120	1	30
1,2-Dichlorobenzene	< 5	5.	ug/l	102	104	80-120	2	30
1,3-Dichlorobenzene	< 5	5.	ug/l	100	99	80-120	0	30
1,4-Dichlorobenzene	< 5	5.	ug/l	99	102	80-120	3	30
1,1-Dichloroethane	< 1	1.	ug/l	98	98	80-120	0	30
1,2-Dichloroethane	< 1	1.	ug/l	112	110	65-135	2	30
1,1-Dichloroethene	< 1	1.	ug/l	103	103	76-124	0	30
cis-1,2-Dichloroethene	< 1	1.	ug/l	104	103	80-120	1	30
trans-1,2-Dichloroethene	< 1	1.	ug/l	106	105	80-120	1	30
1,2-Dichloropropane	< 1	1.	ug/l	95	97	80-120	2	30
cis-1,3-Dichloropropene	< 1	1.	ug/l	92	94	80-120	2	30
trans-1,3-Dichloropropene	< 1	1.	ug/l	90	92	76-120	2	30
Ethanol	< 250	250.	ug/l	109	106	54-149	3	30
Ethyl t-butyl ether	< 1	1.	ug/l	92	93	74-120	1	30
Ethylbenzene	< 1	1.	ug/l	98	99	79-120	0	30
di-Isopropyl ether	< 1	1.	ug/l	91	91	65-120	0	30
Isopropylbenzene	< 5	5.	ug/l	98	98	77-120	0	30
p-Isopropyltoluene	< 5	5.	ug/l	103	105	80-120	2	30
Methyl Tertiary Butyl Ether	< 1	1.	ug/l	97	97	75-120	0	30
Methylene Chloride	< 3	3.	ug/l	102	102	80-120	0	30
Naphthalene	< 5	5.	ug/l	78	81	47-126	3	30
n-Propylbenzene	< 5	5.	ug/l	98	100	80-120	2	30
1,1,2,2-Tetrachloroethane	< 1	1.	ug/l	88	89	70-120	1	30
Tetrachloroethene	< 1	1.	ug/l	109	107	80-120	2	30
Toluene	< 1	1.	ug/l	102	103	80-120	1	30
1,1,1-Trichloroethane	< 1	1.	ug/l	101	100	66-126	1	30
1,1,2-Trichloroethane	< 1	1.	ug/l	98	97	80-120	1	30
Trichloroethene	< 1	1.	ug/l	108	110	80-120	2	30

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1485908

Reported: 07/11/14 at 12:23 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Trichlorofluoromethane	< 1	1.	ug/l	139*	136*	65-130	2	30
1,2,4-Trimethylbenzene	< 5	5.	ug/l	99	99	74-120	1	30
1,3,5-Trimethylbenzene	< 5	5.	ug/l	98	99	74-120	1	30
Vinyl Chloride	< 1	1.	ug/l	110	109	63-120	1	30
Xylene (Total)	< 1	1.	ug/l	99	100	80-120	0	30

Batch number: 14181B20A Sample number(s): 7518303-7518304
TPH-GRO water C6-C10 < 0.050 0.050 mg/l 101 103 80-129 2 30

Batch number: 14183A20A Sample number(s): 7518290-7518302
TPH-GRO water C6-C10 < 0.050 0.050 mg/l 99 100 80-129 1 30

Batch number: 141900006A Sample number(s): 7518290-7518304
DRO C10-C28 < 0.10 0.10 mg/l 104 105 56-122 0 20

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike

Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS %REC</u>	<u>MSD %REC</u>	<u>MS/MSD Limits</u>	<u>RPD</u>	<u>RPD MAX</u>	<u>BKG Conc</u>	<u>DUP Conc</u>	<u>DUP RPD</u>	<u>Dup RPD Max</u>
Batch number: W141832AA	Sample number(s): 7518290-7518301 UNSPK: P515679								
Acetone	64	65	35-144	0	30				
Acrolein	85	77	39-136	10	30				
Acrylonitrile	64	63	51-125	1	30				
t-Amyl methyl ether	85	85	65-117	0	30				
Benzene	100	99	72-134	1	30				
Bromodichloromethane	90	91	73-125	0	30				
Bromoform	74	73	48-118	2	30				
Bromomethane	112	118	47-129	5	30				
2-Butanone	64	65	44-135	2	30				
t-Butyl alcohol	93	92	67-119	1	30				
n-Butylbenzene	104	104	74-134	0	30				
sec-Butylbenzene	104	105	74-137	1	30				
Carbon Tetrachloride	99	102	75-148	2	30				
Chlorobenzene	101	99	87-124	2	30				
Chloroethane	106	116	55-130	8	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	54 (2)	68 (2)	81-134	2	30				
Chloromethane	104	114	61-125	9	30				
Dibromochloromethane	89	87	74-116	2	30				
1,2-Dichlorobenzene	94	94	84-119	0	30				
1,3-Dichlorobenzene	93	93	86-121	0	30				
1,4-Dichlorobenzene	95	95	85-121	0	30				
1,1-Dichloroethane	96	95	84-129	1	30				
1,2-Dichloroethane	101	100	63-142	1	30				
1,1-Dichloroethene	107	104	79-137	2	30				
cis-1,2-Dichloroethene	97	95	80-141	1	30				
trans-1,2-Dichloroethene	107	105	86-131	2	30				
1,2-Dichloropropane	92	91	83-124	1	30				
cis-1,3-Dichloropropene	85	85	70-116	0	30				
trans-1,3-Dichloropropene	86	85	74-119	1	30				

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/11/14 at 12:23 PM

Group Number: 1485908

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u>	<u>MS</u> <u>%REC</u>	<u>MSD</u> <u>%REC</u>	<u>MS/MSD</u> <u>Limits</u>	<u>RPD</u> <u>RPD</u>	<u>RPD</u> <u>MAX</u>	<u>BKG</u> <u>Conc</u>	<u>DUP</u> <u>Conc</u>	<u>DUP</u> <u>RPD</u>	<u>Dup RPD</u> <u>Max</u>
Ethanol	95	92	53-146	3	30				
Ethyl t-butyl ether	83	83	74-122	0	30				
Ethylbenzene	95	95	71-134	0	30				
di-Isopropyl ether	84	85	70-129	1	30				
Isopropylbenzene	96	96	75-128	0	30				
p-Isopropyltoluene	101	100	76-123	1	30				
Methyl Tertiary Butyl Ether	87	88	72-126	1	30				
Methylene Chloride	99	97	78-133	2	30				
Naphthalene	71	73	52-125	3	30				
n-Propylbenzene	94	96	74-134	1	30				
1,1,2,2-Tetrachloroethane	82	81	72-128	2	30				
Tetrachloroethene	115	111	80-128	2	30				
Toluene	99	99	80-125	1	30				
1,1,1-Trichloroethane	92	95	69-140	3	30				
1,1,2-Trichloroethane	93	88	71-141	5	30				
Trichloroethene	106	107	88-133	1	30				
Trichlorofluoromethane	137	152	63-163	10	30				
1,2,4-Trimethylbenzene	93	94	72-130	0	30				
1,3,5-Trimethylbenzene	94	93	65-132	1	30				
Vinyl Chloride	110	122	66-133	10	30				
Xylene (Total)	97	95	79-125	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: 8260 VOCs
Batch number: W141832AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7518290	104	105	98	95
7518291	104	101	98	95
7518292	106	103	97	95
7518293	105	104	98	94
7518294	104	102	98	95
7518295	104	100	96	95
7518296	104	101	97	94
7518297	104	103	97	95
7518298	105	98	97	94
7518299	104	101	97	95
7518300	106	105	96	93
7518301	106	105	96	94
Blank	103	101	99	94
LCS	103	107	100	100
MS	104	105	101	101
MSD	104	102	99	98
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/11/14 at 12:23 PM

Group Number: 1485908

Surrogate Quality Control

Analysis Name: 8260 VOCs
Batch number: W141841AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7518302	104	99	97	97
7518303	104	102	98	99
7518304	106	100	97	94
Blank	107	105	96	93
LCS	107	103	101	101
LCSD	104	102	99	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TPH-GRO water C6-C10
Batch number: 14181B20A
Trifluorotoluene-F

7518303	88
7518304	73
Blank	87
LCS	79
LCSD	83
Limits:	63-135

Analysis Name: TPH-GRO water C6-C10
Batch number: 14183A20A
Trifluorotoluene-F

7518290	74
7518291	73
7518292	66
7518293	74
7518294	76
7518295	79
7518296	79
7518297	77
7518298	76
7518299	81
7518300	81
7518301	82
7518302	84
Blank	79
LCS	79
LCSD	78
Limits:	63-135

Analysis Name: DRO/DX Microextraction Master
Batch number: 141900006A
Orthoterphenyl

7518290	105
7518291	53
7518292	101

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/11/14 at 12:23 PM

Group Number: 1485908

Surrogate Quality Control

7518293	68
7518294	102
7518295	124
7518296	57
7518297	104
7518298	96
7518299	124
7518300	127
7518301	130
7518302	129
7518303	94
7518304	115
Blank	128
LCS	124
LCSD	124

Limits: 50-150

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Client: <u>Southside Oil</u>		Acct. #: _____		Matrix			Analyses Requested				For Lab Use Only		
Project Name/#: <u>20025</u>		PWSID #: _____		Potable	NPDES	Total # of Containers	Preservation Codes				FSC: _____		
Project Manager: <u>Don Trego</u>		P.O. #: <u>51141-295999</u>					H	H	H	H	SCR#: _____		
Sampler: <u>Jessica Weron</u>		Quote #: _____									Preservation Codes H=HCl T=Thiosulfate NaHNO3 B=NaOH S=H2SO4 O=Other		
Name of State where samples were collected: <u>Maryland</u>											Temperature of samples upon receipt (if requested)		
Sample Identification	Date Collected	Time Collected	Grab	Composite	Soil	Water	Other	Full List VOC+oxy 8260	TPH-GRO 8015	TPH-DRO 8015	Ethanol 8260	Remarks	
MW-1	6/30/14	1615	X			X		X	X	X	X		
MW-2	6/30/14	1320	X			X		X	X	X	X		
MW-3	6/30/14	1140	X			X		X	X	X	X		
MW-4			X			X		X	X	X	X		
MW-5	6/30/14	1300	X			X		X	X	X	X		
MW-6	6/30/14	1515	X			X		X	X	X	X		
MW-7	6/30/14	1240	X			X		X	X	X	X		
MW-8	6/30/14	1350	X			X		X	X	X	X		
MW-9	6/30/14	1545	X			X		X	X	X	X		
MW-10D	6/30/14	1045	X			X		X	X	X	X		
MW-12			X			X		X	X	X	X		
MW-13	6/30/14	0930	X			X		X	X	X	X		
Turnaround Time Requested (TAT) (please circle): <u>Normal</u> Rush				Relinquished by: _____		Date	Time	Received by: _____		Date	Time		
(Rush TAT is subject to Lancaster Laboratories approval and surcharge.)				_____		6/30/14	1900	CODER ROOM		6/30/14	1900		
Date results are needed: _____				Relinquished by: _____		Date	Time	Received by: _____		Date	Time		
Rush results requested by (please circle): Phone Fax E-mail				_____		7/1/14	13:00	_____		7/1/14	13:00		
Phone #: _____ Fax #: _____				Relinquished by: _____		Date	Time	Received by: _____		Date	Time		
E-mail address: _____				_____		7/1/14	19:05	_____					
Data Package Options (please circle if required)				SDG Complete? Yes No		Relinquished by: _____		Date	Time	Received by: _____		Date	Time
Type I (validation/NJ reg) TX-TRRP-13				Yes No		_____		Date	Time	Received by: _____		Date	Time
Type II (Tier II) MA MCP CT RCP						_____		Date	Time	Received by: _____		Date	Time
Type III (Reduced NJ)				State-specific QC (MS/MSD/Dup)? Yes No		_____		Date	Time	Received by: _____		Date	Time
Type IV (CLP SOW)				(If yes, indicated QC sample and submit triplicate volume)		_____		Date	Time	Received by: _____		Date	Time
Type VI (Raw Data Only)				Internal COC required? Yes No		_____		Date	Time	Received by: _____		Date	Time

Lancaster Laboratories, Inc. 2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 717-656-2300
 Copies: White and yellow should accompany samples to Lancaster Laboratories. The pink copy should be retained by the client

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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**APPENDIX B:
Lancaster Laboratories Analysis Reports:
Potable Wells
(June 30, 2014)**

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

July 07, 2014

Project: Southside Oil 20025

Submittal Date: 07/01/2014
Group Number: 1485910
PO Number: 51141-295999
State of Sample Origin: MD

Client Sample Description

1825 Perryville Road PI Grab Water
1825 Perryville Road PM Grab Water
1825 Perryville Road PE Grab Water

Lancaster Labs (LL) #

7518306
7518307
7518308

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: 1825 Perryville Road PI Grab Water
Southside Oil 20025

LL Sample # PW 7518306
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:25 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/07/2014 12:48

Framingham MA 01701

1825I

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	15	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 1825 Perryville Road PI Grab Water
Southside Oil 20025

LL Sample # PW 7518306
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:25 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/07/2014 12:48

1825I

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S141831AA	07/02/2014 18:16	Jason M Long	1

Sample Description: 1825 Perryville Road PM Grab Water
Southside Oil 20025

LL Sample # PW 7518307
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:20 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/07/2014 12:48

Framingham MA 01701

1825M

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 1825 Perryville Road PM Grab Water
Southside Oil 20025

LL Sample # PW 7518307
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:20 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/07/2014 12:48

1825M

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S141831AA	07/02/2014 18:44	Jason M Long	1

Sample Description: 1825 Perryville Road PE Grab Water
Southside Oil 20025

LL Sample # PW 7518308
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:15 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/07/2014 12:48

Framingham MA 01701

1825E

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	< 1.0	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 1825 Perryville Road PE Grab Water
Southside Oil 20025

LL Sample # PW 7518308
LL Group # 1485910
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:15 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/07/2014 12:48

1825E

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S141831AA	07/02/2014 19:11	Jason M Long	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/07/14 at 12:48 PM

Group Number: 1485910

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: S141831AA	Sample number(s): 7518306-7518308							
Acetone	< 5.0	5.0	ug/l	97		70-130		
Acrolein	< 50	50.	ug/l	99		70-130		
Acrylonitrile	< 10	10.	ug/l	99		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	107		70-130		
Benzene	< 0.5	0.5	ug/l	99		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	104		70-130		
Bromoform	< 0.5	0.5	ug/l	78		70-130		
Bromomethane	< 0.5	0.5	ug/l	114		70-130		
2-Butanone	< 5.0	5.0	ug/l	106		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	111		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	89		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	94		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	111		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	91		70-130		
Chloroethane	< 0.5	0.5	ug/l	115		70-130		
Chloroform	< 0.5	0.5	ug/l	108		70-130		
Chloromethane	< 0.5	0.5	ug/l	124		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	94		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	94		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	94		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	93		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	105		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	129		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	97		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	94		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	98		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	107		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	109		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	113		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	110		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	94		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	98		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	93		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	91		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	107		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	100		70-130		
Naphthalene	< 0.5	0.5	ug/l	89		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	94		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	98		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	92		70-130		
Toluene	< 0.5	0.5	ug/l	98		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	109		70-130		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1485910

Reported: 07/07/14 at 12:48 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	98		70-130		
Trichloroethene	< 0.5	0.5	ug/l	102		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	125		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	102		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	123		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	96		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2

Batch number: S141831AA

4-Bromofluorobenzene 1,2-Dichlorobenzene-d4

7518306	98	98
7518307	95	94
7518308	95	95
Blank	95	96
LCS	97	98
<hr/>		
Limits:	80-120	80-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Kleinfelder
1 Speen Street
Framingham MA 01701

July 07, 2014

Project: Southside Oil 20025

Submittal Date: 07/01/2014
Group Number: 1485909
PO Number: 51141-295999
State of Sample Origin: MD

Client Sample Description

1836 Perryville Road Grab Water

Lancaster Labs (LL) #

7518305

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

ELECTRONIC COPY TO	Kleinfelder	Attn: Mark Steele
ELECTRONIC COPY TO	Kleinfelder	Attn: Angela Vogt
ELECTRONIC COPY TO	Kleinfelder	Attn: Venelda Williams
ELECTRONIC COPY TO	Kleinfelder	Attn: Don Trego
ELECTRONIC COPY TO	Kleinfelder	Attn: Paxton Wertz

Respectfully Submitted,



Amek Carter
Specialist

(717) 556-7252

Sample Description: 1836 Perryville Road Grab Water
Southside Oil 20025

LL Sample # PW 7518305
LL Group # 1485909
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:45 by JW

Kleinfelder

Submitted: 07/01/2014 19:35

1 Speen Street

Reported: 07/07/2014 12:46

Framingham MA 01701

1836P

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	EPA 524.2	ug/l	ug/l	
03648	Acetone	67-64-1	< 5.0	5.0	1
03648	Acrolein	107-02-8	< 50	50	1
03648	Acrylonitrile	107-13-1	< 10	10	1
03648	t-Amyl Methyl Ether	994-05-8	< 0.5	0.5	1
03648	Benzene	71-43-2	< 0.5	0.5	1
03648	Bromodichloromethane	75-27-4	< 0.5	0.5	1
03648	Bromoform	75-25-2	< 0.5	0.5	1
03648	Bromomethane	74-83-9	< 0.5	0.5	1
03648	2-Butanone	78-93-3	< 5.0	5.0	1
03648	t-Butyl Alcohol	75-65-0	< 25	25	1
03648	n-Butylbenzene	104-51-8	< 0.5	0.5	1
03648	sec-Butylbenzene	135-98-8	< 0.5	0.5	1
03648	tert-Butylbenzene	98-06-6	< 0.5	0.5	1
03648	Carbon Tetrachloride	56-23-5	< 0.5	0.5	1
03648	Chlorobenzene	108-90-7	< 0.5	0.5	1
03648	Chloroethane	75-00-3	< 0.5	0.5	1
03648	Chloroform	67-66-3	< 0.5	0.5	1
03648	Chloromethane	74-87-3	< 0.5	0.5	1
03648	Dibromochloromethane	124-48-1	< 0.5	0.5	1
03648	1,2-Dichlorobenzene	95-50-1	< 0.5	0.5	1
03648	1,3-Dichlorobenzene	541-73-1	< 0.5	0.5	1
03648	1,4-Dichlorobenzene	106-46-7	< 0.5	0.5	1
03648	1,1-Dichloroethane	75-34-3	< 0.5	0.5	1
03648	1,2-Dichloroethane	107-06-2	< 0.5	0.5	1
03648	1,1-Dichloroethene	75-35-4	< 0.5	0.5	1
03648	cis-1,2-Dichloroethene	156-59-2	< 0.5	0.5	1
03648	trans-1,2-Dichloroethene	156-60-5	< 0.5	0.5	1
03648	1,2-Dichloropropane	78-87-5	< 0.5	0.5	1
03648	cis-1,3-Dichloropropene	10061-01-5	< 0.5	0.5	1
03648	trans-1,3-Dichloropropene	10061-02-6	< 0.5	0.5	1
03648	Ethyl t-Butyl Ether	637-92-3	< 0.5	0.5	1
03648	Ethylbenzene	100-41-4	< 0.5	0.5	1
03648	di-Isopropyl Ether	108-20-3	< 0.5	0.5	1
03648	Isopropylbenzene	98-82-8	< 0.5	0.5	1
03648	p-Isopropyltoluene	99-87-6	< 0.5	0.5	1
03648	Methyl Tertiary Butyl Ether	1634-04-4	5.9	1.0	1
03648	Methylene Chloride	75-09-2	< 0.5	0.5	1
03648	Naphthalene	91-20-3	< 0.5	0.5	1
03648	n-Propylbenzene	103-65-1	< 0.5	0.5	1
03648	1,1,2,2-Tetrachloroethane	79-34-5	< 0.5	0.5	1
03648	Tetrachloroethene	127-18-4	< 0.5	0.5	1
03648	Toluene	108-88-3	< 0.5	0.5	1
03648	1,1,1-Trichloroethane	71-55-6	< 0.5	0.5	1
03648	1,1,2-Trichloroethane	79-00-5	< 0.5	0.5	1
03648	Trichloroethene	79-01-6	< 0.5	0.5	1
03648	Trichlorofluoromethane	75-69-4	< 0.5	0.5	1
03648	1,2,4-Trimethylbenzene	95-63-6	< 0.5	0.5	1
03648	1,3,5-Trimethylbenzene	108-67-8	< 0.5	0.5	1
03648	Vinyl Chloride	75-01-4	< 0.5	0.5	1
03648	Xylene (Total)	1330-20-7	< 0.5	0.5	1

Sample Description: 1836 Perryville Road Grab Water
Southside Oil 20025

LL Sample # PW 7518305
LL Group # 1485909
Account # 12152

Project Name: Southside Oil 20025

Collected: 06/30/2014 08:45 by JW

Kleinfelder
1 Speen Street
Framingham MA 01701

Submitted: 07/01/2014 19:35

Reported: 07/07/2014 12:46

1836P

General Sample Comments

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
03648	EPA Method 524.2	EPA 524.2	1	S141831AA	07/02/2014 17:48	Jason M Long	1

Quality Control Summary

Client Name: Kleinfelder
Reported: 07/07/14 at 12:46 PM

Group Number: 1485909

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
Batch number: S141831AA	Sample number(s): 7518305							
Acetone	< 5.0	5.0	ug/l	97		70-130		
Acrolein	< 50	50.	ug/l	99		70-130		
Acrylonitrile	< 10	10.	ug/l	99		70-130		
t-Amyl Methyl Ether	< 0.5	0.5	ug/l	107		70-130		
Benzene	< 0.5	0.5	ug/l	99		70-130		
Bromodichloromethane	< 0.5	0.5	ug/l	104		70-130		
Bromoform	< 0.5	0.5	ug/l	78		70-130		
Bromomethane	< 0.5	0.5	ug/l	114		70-130		
2-Butanone	< 5.0	5.0	ug/l	106		70-130		
t-Butyl Alcohol	< 25	25.	ug/l	111		70-130		
n-Butylbenzene	< 0.5	0.5	ug/l	100		70-130		
sec-Butylbenzene	< 0.5	0.5	ug/l	89		70-130		
tert-Butylbenzene	< 0.5	0.5	ug/l	94		70-130		
Carbon Tetrachloride	< 0.5	0.5	ug/l	111		70-130		
Chlorobenzene	< 0.5	0.5	ug/l	91		70-130		
Chloroethane	< 0.5	0.5	ug/l	115		70-130		
Chloroform	< 0.5	0.5	ug/l	108		70-130		
Chloromethane	< 0.5	0.5	ug/l	124		70-130		
Dibromochloromethane	< 0.5	0.5	ug/l	94		70-130		
1,2-Dichlorobenzene	< 0.5	0.5	ug/l	94		70-130		
1,3-Dichlorobenzene	< 0.5	0.5	ug/l	94		70-130		
1,4-Dichlorobenzene	< 0.5	0.5	ug/l	93		70-130		
1,1-Dichloroethane	< 0.5	0.5	ug/l	105		70-130		
1,2-Dichloroethane	< 0.5	0.5	ug/l	129		70-130		
1,1-Dichloroethene	< 0.5	0.5	ug/l	97		70-130		
cis-1,2-Dichloroethene	< 0.5	0.5	ug/l	94		70-130		
trans-1,2-Dichloroethene	< 0.5	0.5	ug/l	98		70-130		
1,2-Dichloropropane	< 0.5	0.5	ug/l	107		70-130		
cis-1,3-Dichloropropene	< 0.5	0.5	ug/l	109		70-130		
trans-1,3-Dichloropropene	< 0.5	0.5	ug/l	113		70-130		
Ethyl t-Butyl Ether	< 0.5	0.5	ug/l	110		70-130		
Ethylbenzene	< 0.5	0.5	ug/l	94		70-130		
di-Isopropyl Ether	< 0.5	0.5	ug/l	98		70-130		
Isopropylbenzene	< 0.5	0.5	ug/l	93		70-130		
p-Isopropyltoluene	< 0.5	0.5	ug/l	91		70-130		
Methyl Tertiary Butyl Ether	< 0.5	0.5	ug/l	107		70-130		
Methylene Chloride	< 0.5	0.5	ug/l	100		70-130		
Naphthalene	< 0.5	0.5	ug/l	89		70-130		
n-Propylbenzene	< 0.5	0.5	ug/l	94		70-130		
1,1,2,2-Tetrachloroethane	< 0.5	0.5	ug/l	98		70-130		
Tetrachloroethene	< 0.5	0.5	ug/l	92		70-130		
Toluene	< 0.5	0.5	ug/l	98		70-130		
1,1,1-Trichloroethane	< 0.5	0.5	ug/l	109		70-130		

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Kleinfelder

Group Number: 1485909

Reported: 07/07/14 at 12:46 PM

<u>Analysis Name</u>	<u>Blank Result</u>	<u>Blank LOQ</u>	<u>Report Units</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>LCS/LCSD Limits</u>	<u>RPD</u>	<u>RPD Max</u>
1,1,2-Trichloroethane	< 0.5	0.5	ug/l	98		70-130		
Trichloroethene	< 0.5	0.5	ug/l	102		70-130		
Trichlorofluoromethane	< 0.5	0.5	ug/l	125		70-130		
1,2,4-Trimethylbenzene	< 0.5	0.5	ug/l	99		70-130		
1,3,5-Trimethylbenzene	< 0.5	0.5	ug/l	102		70-130		
Vinyl Chloride	< 0.5	0.5	ug/l	123		70-130		
Xylene (Total)	< 0.5	0.5	ug/l	96		70-130		

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: EPA Method 524.2

Batch number: S141831AA

4-Bromofluorobenzene 1,2-Dichlorobenzene-d4

7518305	96	96
Blank	95	96
LCS	97	98
Limits:	80-120	80-120

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The unspiked result was more than four times the spike added.

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
µg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m³	cubic meter(s)	µL	microliter(s)
		pg/L	picogram/liter

< less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Data Qualifiers:

C – result confirmed by reanalysis.

J - estimated value – The result is \geq the Method Detection Limit (MDL) and $<$ the Limit of Quantitation (LOQ).

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

- A** TIC is a possible aldol-condensation product
- B** Analyte was also detected in the blank
- C** Pesticide result confirmed by GC/MS
- D** Compound quantitated on a diluted sample
- E** Concentration exceeds the calibration range of the instrument
- N** Presumptive evidence of a compound (TICs only)
- P** Concentration difference between primary and confirmation columns $>25\%$
- U** Compound was not detected
- X,Y,Z** Defined in case narrative

Inorganic Qualifiers

- B** Value is $<$ CRDL, but \geq IDL
- E** Estimated due to interference
- M** Duplicate injection precision not met
- N** Spike sample not within control limits
- S** Method of standard additions (MSA) used for calculation
- U** Compound was not detected
- W** Post digestion spike out of control limits
- *** Duplicate analysis not within control limits
- +** Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Times are local to the area of activity. Parameters listed in the 40 CFR part 136 Table II as “analyze immediately” are not performed within 15 minutes.

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